



**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 1 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
Serial No: 10/644,344  
Filed: August 20, 2003  
For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
SELECTIVE EXTENSION OF THE COLLECTION SET  
Examiner: Safet Metjahic  
Art Unit: 2171

**U.S. PATENT DOCUMENTS**

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
WJH	#	10/287,851		GARTHWAITE, ET AL.	11/5/02
		20020032719	A1	THOMAS, ET AL.	03/02
		20020095453	A1	STEENSGAARD	07/18/02
		20020133533	A1	CZAJKOWSKI, ET AL.	09/19/02
		20040039759	A1	DETLEFS, ET AL	2/2004
		4,724,521	B1	CARRON, ET AL.	2/1988
		4,797,810	B1	MCENTEE, ET AL.	01/10/89
		4,912,629	B1	SHULER, JR.	05/27/90
		4,989,134	B1	SHAW	01/29/91
		5,088,036	B1	ELLIS, ET AL.	02/11/92
		5,333,318	B1	WOLF	07/26/94
		5,392,432	B1	ENGELSTAD, ET AL.	02/21/95
		5,485,613	B1	ENGELSTAD, ET AL.	01/16/96
		5,560,003	B1	NILSON, ET AL.	09/24/96
		5,687,370	B1	GARST, ET AL.	11/11/97
		5,801,943	B1	NASBURG	09/01/98
		5,845,276	B1	KIRSCH, ET AL.	12/01/98
		5,845,298	B1	O'CONNOR, ET AL.	12/01/98
		5,857,210	B1	TREMBLAY, ET AL.	01/01/99
		5,873,105	B1	TREMBLAY, ET AL.	02/16/99

**FOREIGN PATENT DOCUMENTS**

Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner  
Signature

*Safet Metjahic*

Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 2 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**U.S. PATENT DOCUMENTS**

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
NAH		5,900,001	B1	WOLCZKO, ET AL.	05/04/99
		5,903,900	B1	KNIPPEL, ET AL	05/11/99
		5,930,807	B1	EBRAHIM, ET AL.	07/27/99
		5,953,736	B1	O'CONNOR, ET AL.	09/14/99
		6,021,415	B1	CANNON, ET AL.	02/01/00
		6,047,125	B1	AGESEN, ET AL.	04/04/00
		6,065,020	B1	DUSSUD	05/16/00
		6,098,089	B1	O'CONNOR, ET AL.	08/01/00
		6,148,310	B1	AZAGURY, ET AL.	11/14/00
		6,173,294	B1	AZAGURY, ET AL.	01/09/01
		6,185,581	B1	GARTHWAITE	02/06/01
		6,226,653	B1	ALPERN, ET AL.	05/01/01
		6,243,720	B1	MUNTER, ET AL	06/05/01
		6,289,358	B1	MATTIS, ET AL.	09/11/01
		6,308,185	B1	GRARUP, ET AL.	10/23/01
		6,314,436	B1	HOULDSWORTH	11/06/01
		6,321,240	B1	CHILIMBI, ET AL.	11/27/01
		6,353,838	B1	SAUNTRY, ET AL.	03/05/02
		6,381,738	B1	CHOI, ET AL.	04/30/02
		6,393,439	B1	HOULDSWORTH, ET AL.	05/21/02

**FOREIGN PATENT DOCUMENTS**

Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner  
Signature

Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 3 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**U.S. PATENT DOCUMENTS**

Exam Inits	Cite No.	Patent Number	Kind Code	Patentee or Applicant Name	Issue Date
MH		6,415,302	B1	GARTHWAITE, ET AL.	07/02/02
		6,424,977	B1	GARTHWAITE	07/23/02
		6,434,576	B1	GARTHWAITE	08/13/02
		6,434,577	B1	GARTHWAITE	08/13/02
		6,442,661	B1	DRESZER	08/27/02
		6,449,626	B1	GARTHWAITE, ET AL.	09/10/02
		6,496,871	B1	JAGANNATHAN, ET AL.	12/17/02
		6,529,919	B1	AGESEN, ET AL.	03/04/03
		6,567,905	B2	OTIS	05/20/03
		6,757,890	B1	WALLMAN	06/29/04
		6,769,004	B1	BARRETT	07/27/04
		6,820,101	B1	WALLMAN	11/16/04
		6,826,583	B1	FLOOD, ET AL.	11/30/04
		6,868,488	B1	GARTHWAITE	03/15/05
		6,892,212	B2	SHUF, ET AL.	5/2005

**FOREIGN PATENT DOCUMENTS**

Exam Inits	Cite No.	Cy	Number	Kind Code	Patentee or Applicant Name	Publication Date	T
MH		WO	WO0188713	A2	SUN MICROSYSTEMS, INC.	11/22/2001	<input type="checkbox"/>
		EP	EP 0 904 055	A1	SUN MICROSYSTEMS, INC.	9/8/1999	<input type="checkbox"/>
		EP	EP 0 969 377	A1	INT'L BUSINESS MACHINES CORP.	1/5/2000	<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner  
Signature

*Safet Metjahic*

Date  
Considered

1/17/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 4 of 10**

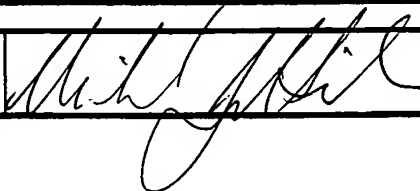
Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
AMT		APPEL, "Simple Generational Garbage Collection and Fast Allocation", Software Practice and Experience, 19(2), 1989, 171-183	<input type="checkbox"/>
		APPEL, ET AL., "Real-Time Concurrent Collection on Stock Multiprocessors", ACM SIGPLAN Notices, 1988	<input type="checkbox"/>
		APPLEBY, KAREN, "Garbage Collection for Prolog Based on WAM, Vol. 31, Issue 6", Communication of the ACM, June 1, 1998, 719-741	<input type="checkbox"/>
		ARORA, ET AL., "Thread Scheduling for Multiprogrammed Multiprocessors", Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architecture, June 1998	<input type="checkbox"/>
		BACON, ET AL., "Java without the Coffee Breaks: A nonintrusive Multiprocessor Garbage Collector", SIGPLAN Conference on Programming Language Design and Implementation, June 2001, Snowbird, UT	<input type="checkbox"/>
		BAKER, "List Processing in Real Time on a Serial Computer", Communications of the ACM 21, April 1978, 280-294	<input type="checkbox"/>
		BARRETT, ET AL., "Using Lifetime Predictors to Improve Memory Allocation Performance", SIGPLAN'93 Conference on Programming Languages Design and Implementation Vol. 28(6) of Notices, June 1993, 187-196, ACM Press, Albuquerque, NM	<input type="checkbox"/>
		BLACKBURN & MCKINLEY, "In or Out? Putting Write Barriers in Their Place", June 20, 2002, Berlin	<input type="checkbox"/>
		BROOKS, "Trading Data Space for Reduced Time and Code Space in Real- Time Garbage Collection on Stock Hardware", Proceedings of the 1984 Acm Symposium on Lisp and Funcional Programming, August 1984, 108-113, Austin, TX	<input type="checkbox"/>

Examiner  
Signature



Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 5 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Initis	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
WJH		CHILIMBI, ET AL., "Using Generational Garbage Collection to Implement Cache-Conscious Data Placement", International Symposium on Memory Management, October 1998	<input type="checkbox"/>
		CLARK, "An Efficient List-Moving Algorithm Using Constant Workspace, Vol. 19 No. 6", Communications of the ACM, June 1976, 352-354	<input type="checkbox"/>
		CLARK, ET AL., "Compacting Garbage Collection can be Fast and Simple", Software-Practice and Experience, Vol. 26, No. 2, February 1996, 177-194	<input type="checkbox"/>
		COURTS, "Improving Locality of Reference in a Garbage-Collecting Memory Management System", Communications of the ACM, Vol. 31, No. 9, September 1988, 1128-1138	<input type="checkbox"/>
		FLOOD, ET AL., "Parallel Garbage Collection for Shared Memory Multiprocessors", USENIX JVM Conference, April 2001	<input type="checkbox"/>
		GOLDSTEIN, ET AL., "Lazy Threads: Implementing a Fast Parallel Call, Vol. 37, No. 1", Journal of Parallel and Distributed Computing, August 1996, 5-20	<input type="checkbox"/>
	1	GRARUP, ET AL., "Incremental Mature Garbage Collection", M.Sc.Thesis @ <a href="http://www.daimi.aau.dk/jacobse/Papers">http://www.daimi.aau.dk/jacobse/Papers</a> , August 1993	<input type="checkbox"/>
		HANSON, "Fast Allocation and Deallocation of Memory Based on Object Lifetimes", Software Practice and Experience, January 1990, 20(1):5-12	<input type="checkbox"/>
		HARRIS, "Dynamic Adaptive Pre-Tenuring", In Proceedings of the Int'l Symposium on Memory Management, October 2000, 127-136	<input type="checkbox"/>

Examiner  
Signature

*[Handwritten Signature]*

Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 6 of 10**

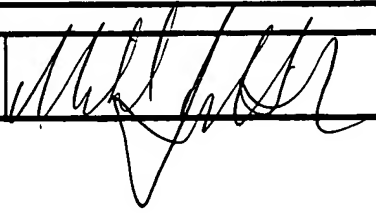
Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MSH		HERLIHY, ET AL., "Lock-Free Garbage Collection for Multiprocessors", ACM SPAA, 1991, 229-236	<input type="checkbox"/>
		HOLZLE, URS, "A Fast Write Barrier for Generational Garbage Collectors", Workshop on Garbage Collection in Object Oriented Systems, October 1993	<input type="checkbox"/>
		HOSKING, ET AL., "Remembered Sets Can Also Play Cards", OOPSLA/ECOOP Workshop on Garbage Collection in Object-Oriented Systems, October 1993	<input type="checkbox"/>
		HOSKING, ET AL., "Protection Traps and Alternatives for Memory Management of an Object-Oriented Language", Object Systems Laboratory, December 1993, 1-14, Dept. of Comp. Sci., Amherst, MA	<input type="checkbox"/>
		HUDSON, ET AL., "Adaptive Garbage Collection for Modula-3 and Small Talk", OOPSLA.ECOOP '90 Workshop on Garbage Collection in Object-Oriented Systems, October 27, 1990	<input type="checkbox"/>
		HUDSON, ET AL., "A Language - Independent Garbage Collector Toolkit", Coins Technical Report, September 1991	<input type="checkbox"/>
		HUDSON, ET AL., "Incremental Collection of Mature Objects", Proceedings of the Int'l Workshop on Memory Managment, 1992, Pgs. 1-16, Springer-Verlag	<input type="checkbox"/>
		HUDSON, ET AL., "Training Distributed Garbage: The DMOS Collector", University of St. Andrews Tech Report, 1997, 1-26	<input type="checkbox"/>
		HUDSON, ET AL., "Garbage Collecting the World: One Car at a Time", ACM SIGPLAN Notices 32, 1997, 162-175	<input type="checkbox"/>

Examiner  
Signature



Date  
Considered

11/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 7 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MSH		HUDSON, ET AL., "Sapphire: Copying GC Without Stopping the World", Practice and Experience Special Issue, Date Unknown, JAVA/Grande/Iscope	<input type="checkbox"/>
		JONES AND LINS, "Garbage Collection: Algorithms for Automatic Dynamic Memory Management", 1996, 165-179, John Wiley and Sons, NY	<input type="checkbox"/>
		LIEBERMAN, ET AL., "A Real-Time Garbage Collector Based on the Lifetimes of Objects", Communications of the ACM, 1983, 26(6)	<input type="checkbox"/>
		LISKOV, ET AL., "Partitioned Garbage Collection of a Large Stable Heap", Proceedings of IWOOS, 1996, 117-121	<input type="checkbox"/>
		MOON, "Garbage Collection in a Large Lisp System", Conference Record of the 1984 ACM Symposium on LISP and Functional Programming, August 1984, 235-246, Austin, TX	<input type="checkbox"/>
		MOSS, ET AL., "A Complete and Coarse-Grained Incremental Garbage Collection for Persistent Object Stores", Proceedings 7th Int'l Workshop on Persistent Object System, 1996, 1-13, Cape May, NJ	<input type="checkbox"/>
		MUNRO, ET AL., "Incremental Garbage Collection of a Persistent Object Store using PMOS", 3rd Int'l Workshop on Persistence and Java, 1998, 78-91, Tiburon, California	<input type="checkbox"/>
		NETTLES, SCOTT, "Real-Time Replication Garbage Collection", Avionics Lab, Wright Research and Development Center, 1993, PDDI	<input type="checkbox"/>
		PADOPOULOS, "Hood: A User-Level Thread Library for Multiprogramming Multiprocessors, Thesis: The Uni. of TX", University of Texas, August 1998, 1-71, Austin	<input type="checkbox"/>

Examiner  
Signature

*Safet Metjahic*

Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 8 of 10**

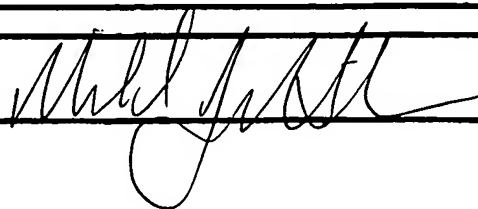
Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
WST		ROY, ET AL., "Garbage Collection in Object-Oriented Databases Using Transactional Cyclic Reference Counting", VLDB Journal - The International Journal on Very Large Da Bases, Vol. 7, Issue 3, 1998, 179-193	<input type="checkbox"/>
		SELIGMANN, ET AL., "Incremental Mature Garbage Collection, In the European Conference on Object-Oriented Programming", M.Sc.Thesis @ <a href="http://www.daimi.aau.dk/jacobse/Papers/">http://www.daimi.aau.dk/jacobse/Papers/</a> , 1995	<input type="checkbox"/>
		SHUF, ET AL., "Exploiting Profilic Types for Memory Management and Optimizations. ACM ISBN 9/2/01", POPL, January 2002, Portland	<input type="checkbox"/>
		SOBALVARRO, "A Lifetime-based Garbage Collector for LISP Systems on General-Purpose Computers", Department of Electrical Engineering and Computer Science at MIT, September 1988, AITR-1417	<input type="checkbox"/>
		STAMOS, "Static Grouping of Small Objects to Enhance Performance of a Paged Virtual Memory", ACM Transactions on Computer Systems, Vol. 2, No. 2, May 1984, 155-180	<input type="checkbox"/>
		UNGAR, "Generation Scavenging: A Non-Disruptive High Performance Storage Reclamation Algorithm", ACM SIGPLAN Notices, April 1984, 19(5)	<input type="checkbox"/>
		UNGAR, ET AL., "Tenuring Policies for Generation-Based Storage Reclamation", ACM SIGPLAN Notices, 1988, 23(11)1-17	<input type="checkbox"/>
		VENNERS, "Garbage Collection, Inside the Java 2 Virtual Machine; Chapter 9", <a href="http://www.artima.com">www.artima.com</a> , Date Unknown, parts 1-18	<input type="checkbox"/>
		WILSON, "Uniprocessor Garbage Collection Techniques", Proceedings of Int'l Workshop on Memory Management, 1992, V. 637	<input type="checkbox"/>

Examiner  
Signature



Date  
Considered

1/7/06

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 9 of 10**

Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
WJH		WILSON, "Uniprocessor Garbage Collection Techniques", Technical Report, University of Texas, 1994	<input type="checkbox"/>
		WITHINGTON, P.T., "How Real is "Real-Time" GC?", Symbolics, Inc., October 6, 1991, Burlington, MA	<input type="checkbox"/>
		ZEE, ET AL., "Write Barrier Removal by Static Analysis", OOPSLA '02, November 2002	<input type="checkbox"/>
		ZORN, "Segregating Heap Objects by Reference Behavior and Lifetime", In 8th Int'l Conference on Architectural Support for Programming Languages and Operating Systems, October 1998, 12-32, San Jose, CA	<input type="checkbox"/>
		ZORN, BENJAMIN, "Barrier Methods for Garbage Collection", Dept. of Computer Science, Uni. of Colorado, November 1990, 1-37, Boulder	<input type="checkbox"/>
		AZAGURY, ET AL., "Combining Card Marking With Remembered Sets: How to Save Scanning Time", ACM SIGPLAN Notices, October 1998, V. 34(3), ACM Press, Vancouver, Canada	<input type="checkbox"/>
		CHENEY, "A Nonrecursive List Compacting Algorithm, Volume 13, Number 11", Communications of the ACM, November 1970, 677-678, Uni. Math. Lab., Cambridge, European Patent Office	<input type="checkbox"/>
		CHENG, ET AL., "Generational Stack Collection and Profile-Driven Pretenuring", SIGPLAN'98 Conference on Programming Languages Design and Implementation, June 1998, 162-173, ACM PRESS, Montreal, Canada	<input type="checkbox"/>
		HOSKING, ET AL., "A Comparative Performance Evaluation of Write Barrier Implementations", OOPSLA; ACM Conference on Object-Oriented Systems, Languages and Applications, October 1992, V. 27(10), ACM Press, Vancouver, Canada	<input type="checkbox"/>

Examiner  
Signature

*[Handwritten Signature]*

Date  
Considered

*[Handwritten Date: 11/7/06]*

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT Sheet 10 of 10**

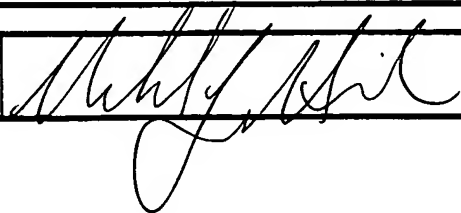
Docket No. P8228-US-NP

Applicant: Alexander T. Garthwaite  
 Serial No: 10/644,344  
 Filed: August 20, 2003  
 For: HANDLING FUTILE COLLECTIONS IN THE TRAIN ALGORITHM THROUGH  
 SELECTIVE EXTENSION OF THE COLLECTION SET  
 Examiner: Safet Metjahic  
 Art Unit: 2171

**OTHER PRIOR ART – NON PATENT LITERATURE AND DOCUMENTS**

Exam Inits	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
MSF		LAM, ET AL., "Object Type Directed Garbage Collection to Improve Locality", Proceedings of the International Workshop on Memory Management, September 1992, 404-425, St. Malo, France	<input type="checkbox"/>
		LAM, ET AL., "Effective Static-Graph Reorganization to Improve Locality in Garbage Collected Systems", Proceedings of ACM SIGPLAN Conference on Programming Language Design and Implementation, June 1991, Toronto, Canada	<input type="checkbox"/>
		PIRINEN, PEKKA, "Barrier Techniques for Incremental Tracing", Harlequin Limited, Date Unknown, 20-25, Cambridge, Great Britain	<input type="checkbox"/>
		WILSON, ET AL., "Effective Static-Graph Reorganization to Improve Locality in Garbage Collected Systems", Proceedings of ACM SIGPLAN Conference on Programming Language Design and Implementation, June 1991, Canada	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner  
Signature



Date  
Considered

1/7/06